N&W
GLOBAL VENDING

TECHNICAL INFORMATION

Machine Type	**Starfood**	**Model**	**Before Serial number 34700291**	**T.I. Number: SDUK040505**	
				Issued by	**Steve Dolman**
Part numbers	986060 (Old)		250612 (New)	**Date**	6th May 2004
Subject	Temperature Probes, New design, Fitting instruction			**ISSUED FOR CUSTOMERH**	
				ACTION	
				INFORMATION	X

Due to reported issues with the original sensors, where condensation was seen to short out the contacts of the probe and cause a failure, the temperature sensors are now being supplied as a single item.

Where, in the past, the probe was connected to its harness by means of a pair of spade terminal connectors, it is now supplied complete and encapsulated to prevent any possible water ingress.

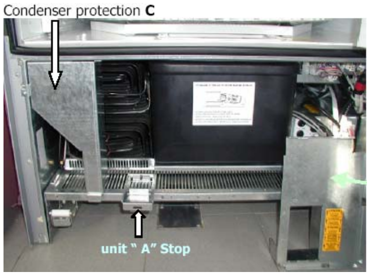
Therefore, when fitting the new probe to the Starfood machine, you cannot simply plug the sensor onto the original crimps.
It is necessary to carry out the procedure shown below, after cutting the harness from the original sensor at least 200mm from the original terminations.

This is necessary when replacing the sensor due to failure or water ingress on the original, the same procedure needs to be carried out for each of the two sensors if required.

Firstly it is necessary to disconnect the machine from the power supply before removing the cooling unit.

To disassemble the cooling unit, follow the instructions indicated below:

To be able to slide out the cooling unit it is necessary to:
1) Remove the protective casing from the power supply unit **B**
2) Remove the protective casing from the condenser plate **C**
3) Remove the Stop from the unit **A**
4) Partially slide out the unit so that the wiring can be disconnected



Power supply casing B

Condenser plate fastening screw

Following removal of the cooling unit, locate the original sensor and harness.

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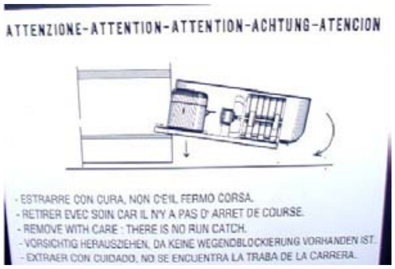
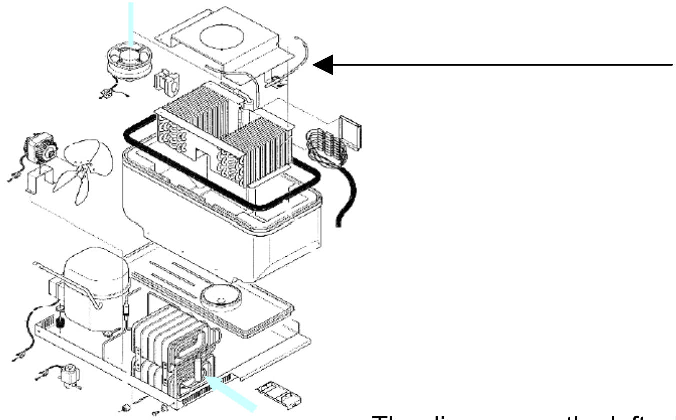


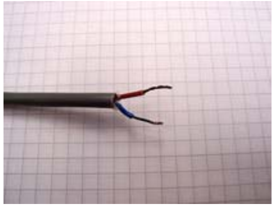
ATTENZIONE-ATTENTION-ATTENTION-ACHTUNG-ATENCION

- ESTRARRE CON CURA, NON C'E IL FERMO CORSA.
- RETIRER EVEC SOIN CAR IL N'Y A PAS D' ARRET DE COURSE.
- REMOVE WITH CARE : THERE IS NO RUN CATCH.
- VORSICHTIG HERAUSZIEHEN, DA KEINE WEGENDBLOCKIERUNG VORHANDEN IST.
- EXTRAER CON CUIDADO, NO SE ENCUENTRA LA TRABA DE LA CARRERA.

Pay attention when removing the unit from the machine as it needs to be supported underneath to allow for easier handling.



The diagram on the left, shows the location of the hot gas sensor (Arrowed) It is necessary to remove the evaporator assembly in order to access this



Original sensor harness, part number showing 986060 wires stripped

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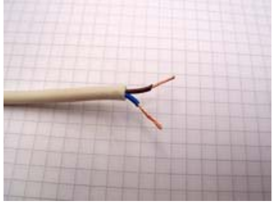
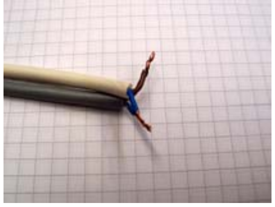
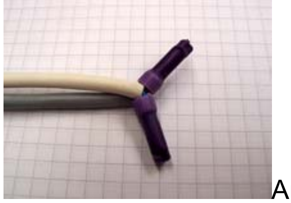


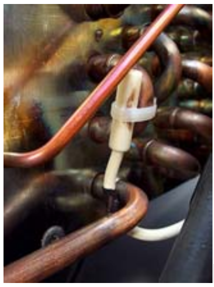
Picture shows New Harness, which includes the sensor, Part number 250612



Twist new harness and Original harness together, Brown-to-Brown and Blue-to-Blue



Apply 2 crimps as shown, part number 1740.00234 One to each pair of wires



New Hot Gas sensor needs to be located on the evaporator coils of the fridge, note the upright position.

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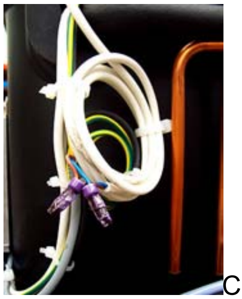
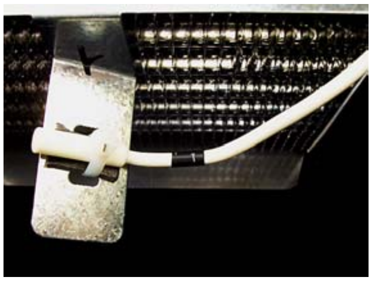


Coil the wires and tie wrap together outside the main evaporator box, as shown



New temperature probe sensor, shown in correct position